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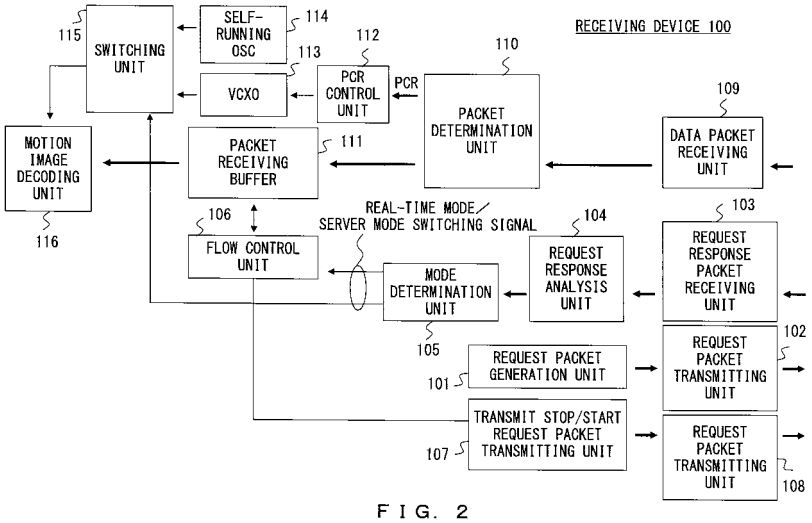
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(54) **Media distribution switching method, receiving device and transmitting device**

(57) A request packet generation unit 101 generates a request packet for requesting the distribution of media information. A request packet transmitting unit 102 transmits the request packet. A request response packet receiving unit 103 receives a request response packet corresponding to the request packet from a transmitting device. A request response analysis unit 104 analyzes a request response set in the request response packet. A mode determination unit 105 switches between an operation mode for real-time transmission and that for non-real-time transmission according to device type information, attached to the request response, indicating whether the transmitting device is for real-time transmission or non-real-time transmission. A first receiving unit composed of reference numerals 109 through 113, 115 and 116 receives media information in an operation mode for real-time transmission. A second receiving unit composed of reference numerals 109 through 113, 115, 116 and 106 through 108 receives media information in an operation mode for non-real-time transmission.



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EUROPEAN SEARCH REPORT

Application Number
EP 10 16 5501

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	ROSENBERG ET AL: "RFC 3261: SIP: Session Initiation Protocol", IETF REQUEST FOR COMMENTS, XX, XX, 1 June 2002 (2002-06-01), pages 1-269, XP002323877, * sections 1-2 * * section 4 * * section 11 * -----	1-4	INV. H04N7/173
A	HANDLEY UCL V JACOBSON PACKET DESIGN C PERKINS UNIVERSITY OF GLASGOW M: "SDP: Session Description Protocol; rfc4566.txt", 20060701, 1 July 2006 (2006-07-01), XP015055003, ISSN: 0000-0003 * paragraph [0001] * * paragraph [04.1] * * paragraph [5.14] * -----	1-4	
X	WEIJIA JIA ET AL: "SIP-Based Adaptive Multimedia Transmissions for Wired and Wireless Networks", 1 January 2005 (2005-01-01), ADVANCED PARALLEL PROCESSING TECHNOLOGIES LECTURE NOTES IN COMPUTER SCIENCE;;LNCS, SPRINGER, BERLIN, DE, PAGE(S) 505 - 514, XP019022736, ISBN: 978-3-540-29639-3 * table 1 * * page 509, line 3 - line 7 * * page 509, line 19 - line 46 * * page 510, line 8 - line 17 * ----- -/--	1-4	TECHNICAL FIELDS SEARCHED (IPC) H04N

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	30 November 2012	Boubal, Olivier

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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 1 811 745 A1 (SAMSUNG ELECTRONICS CO LTD [KR]) 25 July 2007 (2007-07-25) * paragraph [0014] - paragraph [0016] * * paragraph [0021] * * paragraph [0025] * * paragraph [0027] - paragraph [0029] * * paragraph [0033] - paragraph [0034] * * paragraph [0042] * -----	1-4	
A	WO 2004/064424 A1 (LG ELECTRONICS INC [KR]) 29 July 2004 (2004-07-29) * page 3, line 25 - line 26 * * page 7, line 23 - line 25 * * page 17, line 5 - line 20 * * page 19, line 1 - line 17 * * page 20, line 15 - line 18 * * page 23, line 3 - line 5 * -----	1-4	
			TECHNICAL FIELDS SEARCHED (IPC)

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30-11-2012

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1811745 A1	25-07-2007	CN 101371532 A	18-02-2009
		EP 1811745 A1	25-07-2007
		JP 2009524342 A	25-06-2009
		KR 20070077419 A	26-07-2007
		US 2007213052 A1	13-09-2007
		WO 2007083979 A1	26-07-2007
WO 2004064424 A1	29-07-2004	AU 2003288783 A1	10-08-2004
		CN 1739310 A	22-02-2006
		EP 1582078 A1	05-10-2005
		JP 4354408 B2	28-10-2009
		JP 2006513630 A	20-04-2006
		KR 20040064347 A	19-07-2004
		WO 2004064424 A1	29-07-2004

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